State of California—Health and Human Services Agency
CALIFORNIA DEPARTMENT OF PUBLIC HEALTH

RON CHAPMAN, MD, MPH
Director & State Health Officer

EDMUND G. BROWN JR.
Governor

June 30, 2014
Certified Mail/Return
7011 2000 0001 1428 7334

DWR – Sutter Maintenance Yard
P.O. Box 40
Sutter, CA. 95982

Attention: Karen Hull, Superintendent

Subject: Public Water System No. 5102032 – Citation No. 21-14C-007 for the following monitoring failures: bacteriological testing in May of 2014, annual nitrate sample for 2013, and Lead and Copper sampling for 2012.

DWR – Sutter Maintenance Yard is classified as a nontransient-noncommunity water system serving approximately 27 people per month. Per Title 22, of the California Code of Regulations (CCR), DWR – Sutter Maintenance Yard is required to regularly monitor multiple constituents in the drinking water. Per Sections 64423(a), 64675, and 64432, DWR – Sutter Maintenance Yard failed to collect and report the following:

- Monthly bacteriological sample in May of 2014
- Annual nitrate sample in 2013
- Triennial Lead & Copper sampling in 2012

Therefore, this Citation is hereby issued to for violating the monitoring and reporting requirements per the California Code of Regulations cited above.

Section 116577 of the California Safe Drinking Water Act provides for the department to be reimbursed by the public water system for costs incurred for preparing and issuing an enforcement action. Therefore, DWR Sutter Maintenance Yard will be billed for the preparation and issuance of this citation. The billing rate is $126 per hour. At this time, we have spent approximately two hours preparing this violation. You will receive a bill for these costs, typically by September 1st, from our Fee Billing Unit in Sacramento.

If you have any questions please call Paul Rowe at (530) 224-4866. You may also contact me directly at (530) 224-4861.

R. Crenshaw

Reese B. Crenshaw, P.E.
Valley District Engineer
DRINKING WATER FIELD
OPERATIONS BRANCH

Enclosures

Citation No. 21-14C-007

STATE OF CALIFORNIA

DEPARTMENT OF PUBLIC HEALTH

Public Water System: DWR - Sutter Maintenance Yard

Water System No.: 5102032

To: DWR - Sutter Maintenance Yard
Attn: Karen Hull, Superintendent
P.O. Box 40
Sutter, CA. 95982

Issued: June 30, 2014
VIA CERTIFIED MAIL

CITATION FOR NONCOMPLIANCE

With Title 22 California Code of Regulations

Sections 64423(a), 64675, & 64432.1

Section 116650 of the California Health and Safety Code (CHSC) authorizes the issuance of a citation for failure to comply with a requirement of the California Safe Drinking Water Act (CHSC, Division 104, Part 12, Chapter 4, commencing with Section 116270), or any regulation, standard, permit, or order issued thereunder.

The Division of Drinking Water and Environmental Management of the California Department of Public Health (Department) hereby issues a citation to DWR - Sutter Maintenance Yard (Water System) for failure to comply with Sections 64423(a), 64675, and 64432.1,
Title 22, of the California Code of Regulations (CCR).

APPLICABLE AUTHORITIES

Section 116650 of the CHSC states in relevant part:

(a) If the department determines that a public water system is in violation of this chapter or any regulation, permit, standard, citation, or order issued or adopted thereunder, the department may issue a citation to the public water system. The citation shall be served upon the public water system personally or by certified mail. Service shall be deemed effective as of the date of personal service or the date of receipt of the certified mail. If a person to whom a citation is directed refuses to accept delivery of the certified mail, the date of service shall be deemed to be the date of mailing.

(b) Each citation shall be in writing and shall describe the nature of the violation or violations, including a reference to the statutory provision, standard, order, citation, permit, or regulation alleged to have been violated.

(c) A citation may specify a date for elimination or correction of the condition constituting the violation.

(d) A citation may include the assessment of a penalty as specified in subdivision (e).

(e) The department may assess a penalty in an amount not to exceed one thousand dollars ($1,000) per day for each day that a violation occurred, and for each day that a violation continues to occur. A separate penalty may be assessed for each violation.

Section 64423(b), Title 22, of the CCR states in relevant part:

(a) Each water supplier shall collect routine bacteriological water samples as follows:

(3) The minimum number of samples for nontransient-noncommunity water systems shall be based on the known population served as shown in Table 64423-A in Section 64423 of Title 22 during those months when the system is operating.

Section 64675.5, Title 22, of the CCR states in relevant part:

(a) A system shall conduct standard tap sampling for two consecutive periods; thereafter, tap sampling frequency may be reduced pursuant to Section 64675 (General Requirements for Tap Sampling for Lead and Copper) as follows:

(1) If a system has 90th percentile levels that do not exceed 0.005 mg/L for lead and 0.65 mg/L for copper for two consecutive periods, it may reduce the sampling to once every three years at the reduced number of sites.

Section 64432.1, Title 22, of the CCR states in relevant part:

(a) To determine compliance with the MCL for nitrate in Table 64431-A, all public water systems using groundwater and transient-noncommunity systems using approved surface water shall monitor annually, and all community and nontransient-noncommunity systems using approved surface water shall monitor quarterly.

STATEMENT OF FACTS

The DWR - Sutter Maintenance Yard (Water System) domestic water system is classified as a nontransient - noncommunity water system serving approximately 27 employees. As such, the Water System is required to collect one routine bacteriological sample per month according to Table 64423-A in Section 64423 of Title 22. The Water System failed to collect a routine bacteriological sample in May of 2014.

Furthermore, Because the Water System meets reduced lead and copper sampling frequency, it is required to collect five (5) lead and copper samples every three years according to Table 64675-A and Section 64675.5 of Title 22. The Water System failed to collect lead and copper samples at the end of the triennial period in 2012. The last samples submitted to the Department were taken in February of 2009.

Finally, the Water System failed to comply with Section 64432.1(a), Title 22, of the California Code of Regulations (CCR). Specifically, the Water System failed to report annual nitrate sample results in 2013 for Well 001.

DETERMINATIONS

The Department has determined that the Water System violated Sections 64423(a), 64675, and 64432.1, Title 22, of the CCR, in that the Water System failed to collect a routine bacteriological sample in May of 2014, Lead and Copper samples in 2012, and an annual nitrate sample in 2013.

DIRECTIVES

The Water System is hereby directed to take the following actions:

1. Comply with Sections 64423(a), 64675, and 64432.1, Title 22, of the CCR in all future monitoring periods.

2. **Within 30 days** of the issuance of this Citation, notify all persons served by the Water System of the bacteriological and nitrate monitoring violations as required by Section 64463.4 and Section 64465, Title 22, of the CCR. Notification shall be completed in accordance with each of the following:

   a) By posting of the notice in Attachment A in conspicuous locations served by the water system.

b) Distributing Attachment A by using one or more of the following methods to reach persons not likely to be reached by public posting: Email message to employees and parents, posting on the internet or intranet, or direct delivery.

3. Complete and return Attachment B, "Certification of Completion of Public Notification" form **within 10 days** of giving public notice. A copy of the notice used to provide public notification shall be attached to the form.

4. **Within 15 days** of the issuance of this Citation the District shall provide public notification (by inclusion in the Consumer Confidence Report (CCR) – Attachment C) of the failure to maintain the required lead and copper monitoring and reporting program by mail or direct delivery to each customer.

5. **Within 10 days** of public notification outlined in Directive 4 above, the District shall provide proof of mailing or direct delivery of the CCR to each consumer using Attachment D.

All documents required by this Citation to be submitted to the Department shall be submitted to the following address:

Reese B. Crenshaw, P. E.
Valley District Engineer
Drinking Water Field Operations
Division of Drinking Water and Environmental Management
Department of Public Health
364 Knollcrest Drive, Suite 101
Redding, CA 96002
(530) 224-4800

Nothing in this Citation relieves the Water System of its obligation to meet the requirements of Health and Safety Code, Division 104, Part 12, Chapter 4 (California Safe Drinking Water Act), or any regulation, permit, standard or order issued or adopted thereunder.

The Department reserves the right to make such modifications to this Citation, as it may deem necessary to protect public health and safety. Such modifications may be issued as amendments to this Citation and shall be effective upon issuance.

FURTHER ENFORCEMENT ACTION

Division 104, Part 12, Chapter 4, (commencing with Section 116270) of the California Health and Safety Code authorizes the Department to: issue additional citations with assessment of penalties if the Water System continues to fail to correct a violation identified in a citation; take action to suspend or revoke a permit that has been issued to a public water system if the system has violated applicable law or regulations or has failed to comply with orders of the Department; and petition the superior court to take various enforcement measures against a public water system that has failed to comply with orders of the Department. The Department does not waive any further enforcement action by issuance of this Citation.

PARTIES BOUND

This Citation shall apply to and be binding upon the Water System, its officers, directors, agents, employees, contractors, successors, and assignees.

SEVERABILITY

The directives of this Citation are severable, and the District shall comply with each and every provision thereof notwithstanding the effectiveness of any other provision.

R. Crenshaw 6/30/14

Reese B. Crenshaw, P.E., District Engineer — Date
Valley District
Drinking Water Field Operations Branch

Attachments:

'A' Public Notification Template

'B' Certification of Completion

'C' DWR – Sutter Maintenance Yard CCR

'D' CCR Certification Form

Attachment A

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.
Tradúzcalo o hable con alguien que lo entienda bien.

DWR – SUTTER MAINTENANCE YARD FAILED TO COLLECT A ROUTINE BACTERIOLOGICAL SAMPLE FOR THE MONTH OF MAY, 2014, AND AN ANNUAL NITRATE SAMPLE FOR 2013

Our water system recently violated two monitoring requirements. Although this is not an emergency, as our customers, you have a right to know what you should do, what happened, and what we did to correct this situation.

What should you do?

You do not need to boil the water or take any corrective actions. This is not an emergency. If you have health concerns, you may wish to consult your doctor. General guidelines on ways to lessen the risk of infection by microbes are available from EPA's Safe Drinking Water Hotline at (800) 426-4791.

What happened? What was done?

DWR – Sutter Maintenance Yard failed to collect a routine bacteriological sample in May of 2014, and failed to collect an annual nitrate sample in 2013, as required by state and federal regulations. Both regulations require that public water systems notify their customers for monitoring violations.

DWR – Sutter Maintenance Yard has since collected a routine bacteriological sample in June of 2014, which was free of coliform bacteria. In addition, a nitrate sample will reportedly be taken in June of 2014. Out of the last 13 nitrate samples taken, the average level is 8.0 mg/L, which is much lower than the maximum contaminant level (MCL) of 45.0 mg/L.

For more information, please contact Steve Thompson at (530) 635-6335.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly. You can do this by posting this public notice in a public place or distributing copies by hand or mail.

This notice is being posted by the DWR – Sutter Maintenance Yard water system.

State Water System ID#: 5102032. Date distributed: _____.

Attachment B

CERTIFICATION OF COMPLETION OF PUBLIC NOTIFICATION

This form when completed and returned to the Division of Drinking Water and Environmental Management (364 Knollcrest Drive, Suite 101, Redding, CA 96002 or fax to 530-224-4844), serves as certification that public notification to water users was completed as required by the California Water Quality and Monitoring Regulations. Completing public notification and providing the Department with certification is important. Failure to do so will result in additional hourly time charges to your water utility and may result in a formal enforcement action with monetary penalties.

Public Water System Name DWR – Sutter Maintenance Yard

Public Water System No. 5102032

Public notification for the May 2014 bacteriological monitoring failure and 2013 annual nitrate monitoring failure was performed by the following method(s):

Check and Complete

a) _____ By posting of the notice in conspicuous locations served by the water system.

b) _____Distributing notice by using one or more of the following methods to reach persons not likely to be reached by public posting: Email message to employees or direct delivery.

For this method, provide the date (or dates) that the notice was posted _____.

I hereby certify that the above information is factual.

_____
Printed Name

_____
Signature

_____
Date

ATTACHMENT C

DWR-Sutter Maintenance Yard
2013 Water Quality Consumer Confidence Report
Public Water System Number 5102032

Este informe contiene información muy importante sobre su agua beber. Tradúzcalo ó hable con alguien que lo entienda bien.

For additional information concerning your drinking water, contact **Karen Hull** at **530 755-0071**

Water for the DWR-Sutter Maintenance Yard originates from one groundwater source known as Well #1.

DEFINITIONS OF SOME OF THE TERMS USED IN THIS REPORT:

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is technologically, and economically feasible.

Primary Drinking Water Standards (PDWS): MCLs for Contaminants that affect health along with their monitoring and reporting requirements, and surface water treatment requirements.

Public Health Goal (PHG): The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the Federal Environmental Protection Agency (USEPA).

Regulatory Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Residual Disinfectant Level (MRDL): The level of a disinfectant added for water treatment that may not be exceeded at the consumer's tap.

pCi/L: picocuries per liter (a measure of radiation)
ppb: parts per billion or micrograms per liter
ppm: parts per million or milligrams per liter
nd: non detectable at testing limit
TDS: Total Dissolved Solids

MICROBIOLOGICAL WATER QUALITY:

In our distribution system, we test the water once per month for coliform bacteria. The highest number of samples found to contain coliform bacteria during any one month was zero.

LEAD & COPPER TESTING RESULTS:

Lead & copper testing of water from individual taps in the distribution system is required by State regulations. The table below summarizes the most recent sampling for lead and copper.

	Year	Number of samples collected	# of above AL	90th Percentile Result (ppb)	AL	MCLG
Lead	2009	5	0	7	15	2
Copper	2009	5	0	ND	1300	170

DETECTED CONTAMINANTS IN OUR WATER:

The following table gives a list of all detected chemicals in our water during the most recent sampling. Please note that not all sampling is required annually so in some cases our results are more than one year old. These values are expressed in ppm unless otherwise stated.
Updated: 6/25/2014

Chemical Detected	Year	Level Detected	MCL	PHG	Origin
Arsenic	2012	9.6 ppb	10	.004	Erosion & leaching of natural deposits; runoff from orchards; glass and electronics production wastes
Barium	2010	110 ppb	1000	2	Discharge of oily drilling wastes and from metal refineries, Erosion & leaching of natural deposits
Chromium	2010	15 ppb	50	100	Erosion & leaching of natural deposits
Nitrate (NO_3)	2012	7.2 ppm	45	45	Runoff and leaching from fertilizer use; leaching from septic tanks, sewage; Erosion & leaching of natural deposits
Fluoride	2006	0.19 ppm	2000	1000	Erosion & leaching of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Iron	2001	121 ppb	300	None	Erosion & leaching of natural deposits
Sodium	1994	21 ppm	None	None	Erosion & leaching of natural deposits
Hardness	1994	127 ppm	None	None	Erosion & leaching of natural deposits
TDS	1997	240 ppm	1500	None	Erosion & leaching of natural deposits
Chloride	1997	12 ppm	600	None	Erosion & leaching of natural deposits
Sulfate	1997	0.5 ppm	600	None	Erosion & leaching of natural deposits
Total Trihalomethane	2005	Not detect	80	None	Disinfection byproduct
5 Haloacetic Acids	2005	Not detect	60	None	Disinfection byproduct
Chlorine, ppm	2009		MRDL 4	None	Drinking water disinfectant

GENERAL INFORMATION ON DRINKING WATER:

All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline at 1-800-426-4791.

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides, that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, that are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- Radioactive contaminants, that can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (USEPA) and the State Department of Health Services (Department) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. Department regulations also establish limits for contaminants in bottled water that must provide the same protection for public health.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly individuals, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. The USEPA/Center for Disease Control guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline at 1-800-426-4791.

Arsenic:

Some people who drink water containing arsenic in excess of the MCL over many years could experience skin damage or problems with their circulatory systems, and may have an increased risk of getting cancer.

SOURCE WATER ASSESSMENT:

A source water assessment has been completed for the well serving the DWR Sutter Maintenance Yard. The source is considered most vulnerable to the following activities not associated with any detected contaminants:

Gasoline stations, septic systems, agricultural drainage

A copy of the complete assessment may be viewed at

CDPH Valley District Office
364 Knollcrest Drive, Suite 101
Redding, CA 96002
Reese Crenshaw, 530-224-4867

or at

DWR Sutter Maintenance Yard
P.O. Box 40
Sutter, CA 95982
Karen Hull, 530-755-0071

VIOLATION INFORMATION:

LEAD & COPPER WAS NOT SAMPLED IN 2012
NITRATE WAS NOT SAMPLED IN 2013

ATTACHMENT D

Consumer Confidence Report
Certification Form

(to be submitted with a copy of the CCR to:
Reese Crenshaw / CDPH-DDWEM / 364 Knollcrest Dr, Suite 101, Redding, CA. 96002)

Water System Name: _____

Water System Number: _____

The water system named above hereby certifies that its Consumer Confidence Report was distributed on _____ (*date*) to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the California Department of Public Health.

Certified by: Name: _____

Signature: _____

Title: _____

Phone Number: ( ) _____ Date: _____

To summarize report delivery used and good-faith efforts taken, please complete the below by checking all items that apply and fill-in where appropriate:

☐ CCR was distributed by mail or other direct delivery methods. Specify other direct delivery methods used: _____

_____

☐ "Good faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods:

- ☐ Posting the CCR on the Internet at www._____
- ☐ Mailing the CCR to postal patrons within the service area (attach zip codes used)
- ☐ Advertising the availability of the CCR in news media (attach copy of press release)
- ☐ Publication of the CCR in a local newspaper of general circulation (attach a copy of the published notice, including name of newspaper and date published)
- ☐ Posted the CCR in public places (attach a list of locations)
- ☐ Delivery of multiple copies of CCR to single-billed addresses serving several persons, such as apartments, businesses, and schools
- ☐ Delivery to community organizations (attach a list of organizations)
- ☐ Other (attach a list of other methods used)

☐ *For systems serving at least 100,000 persons*: Posted CCR on a publicly-accessible internet site at the following address: www._____

☐ *For privately-owned utilities*: Delivered the CCR to the California Public Utilities Commission